

ABSTRACT OF THE DISCLOSURE

The present invention provides a conventional cable connector, such as a UMTR (Universal Male Terminator type connector), that further comprises an element for protecting the electrical components positioned within the connector from high voltage surges. The surge protection element comprises a ring that is positioned in circumferentially surrounding relation to the input pin that carries the signal being transmitted by the coaxial cable. The ring includes at least one, and preferably three prongs that extend radially inwardly therefrom and terminate in close, but non-contacting relation to the pin. If a high voltage surge of electricity is carried by the coaxial cable transmission line, such as might occur if it is struck by lightening, a spark will be formed in the gap between the prongs and the cable due to the conductive composition of the surge protection element. As a consequence, the high voltage surge will be transferred to the surge protection element which, in turn, will conduct the electricity to the body of the connector to which it is positioned in contacting relation. The body of the conductor will then carry the high voltage surge of electricity around the electrical components positioned within it, and ultimately to ground.